

### **IN THE CLAIMS**

*Please amend claims 1-4, 6 and 8-10 as follows. A copy of all pending claims follows with each claim including a status identifier pursuant to 37 CFR 1.121.*

1. (Withdrawn/Currently Amended) Hemp seed oil for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin, wherein the hemp seed oil ~~characterised by that~~ it is a product of extraction of the milled down hemp seeds by means of carbon dioxide.

2. (Withdrawn/Currently Amended) Hemp seed oil according to [[the]] claim 1, wherein ~~characterised by that~~ one weight share of the extract creates a mixture with two weight shares of the solution containing up to 30 % in weight of sodium bicarbonate.

3. (Currently Amended) A method of production of hemp seed oil for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin, wherein ~~characterised by that~~ the hemp seeds are milled down to hemp flour, then pressure-extracted by means of [[the]] carbon dioxide to hemp oil.

4. (Currently Amended) A method of production according to [[the]] claim 3, wherein ~~characterised by that~~ hemp seeds are milled down to a fine hemp flour, the milled down hemp flour is then poured into the extraction cartridges that are then inserted into the extractor; the extractor gets closed-and carbon dioxide is driven into it at the temperature between about 35°C - 45°C and under pressure between 25 MPa –

35MPa, advantageously at 40°C and the pressure 20 MPa, with the hemp oil extraction process slowed down the carbon dioxide pressure in the extractor is reduced down to the value of the ambient atmospheric pressure and the hemp oil is separated from the carbon dioxide, then the carbon dioxide is taken out of the extractor to a reserve tank and stored there in its supercritical condition.

5. (Previously presented) A method of production according to claim 3, wherein 2% - 35% in weight of the crushed silicon sand is mixed into the extracted hemp oil for removal of the chlorophyll and waxes; following the surface absorption, the crushed silicon sand is filtered out.

6. (Currently amended) A method of production use of the hemp seed oil ~~manufactured by a method~~ according to claim 3 wherein said hemp seed oil is utilized for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.

7. (Previously presented) A method of production according to claim 4, wherein 2% - 35% in weight of the crushed silicon sand is mixed into the extracted hemp oil for removal of the chlorophyll and waxes; following the surface absorption, the crushed silicon sand is filtered out.

8. (Currently amended) A method of production use of the hemp seed oil

~~manufactured by a method~~ according to claim 4 wherein said hemp seed oil is utilized for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.

9. (Currently amended) A method of production ~~use of the hemp seed oil~~ ~~manufactured by a method~~ according to claim 5 wherein said hemp seed oil is utilized for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.

10. (Currently amended) A method of production ~~use of the hemp seed oil~~ ~~manufactured by a method~~ according to claim 7 wherein said hemp seed oil is utilized for transfer and absorption of active substances of pharmaceutical and cosmetic preparations into the skin.